

**Appendix I-2
TAHOE PROJECT PROPOSAL**

Project Name: BMP Retrofit for Single-Family Residential properties **EIP #:** 16
Lead Agency: Natural Resources Conservation Service **Contact:** Jane Schmidt, District Cons.
Threshold: WQ5 **Phone Number:** (530) 543-1501 (101)
 Email Address: jane.schmidt@ca.usda.gov
Threshold Standard: **Total Project Cost:** \$500,000 (one year)

Project Description:

One year funding request to provide technical assistance to single family residential parcels in designing and applying BMP's to contain sediment and nutrients on-site during stormwater runoff events. The product is site evaluations and engineered designs for BMP's developed for each private parcel in the Lake Tahoe Basin.

Describe the purpose and need for the project:

Single family residential parcels that have been "hardened" by impervious surfaces such as roads, driveways and rooftops contribute sediment and nutrients to Lake Tahoe at an accelerated rate, and impair water quality. Concentrated rain and snowmelt flush sediments and nutrients from privately owned parcels into nearby stream or storm drainage systems, which in turn deliver this pollution to the Lake. Private landowners do not have the technical knowledge to conduct an assessment of erosion potential on their land, and are not familiar with BMP's that can be used to control this erosion.

Describe the goals and objective of the project (For Science & Research Projects describe Key Management Questions being addressed):

Increase the number of single family residential parcels receiving site evaluations (per year) that prescribe measures (BMP's) to reduce or eliminate soil erosion and excessive runoff that contributes pollutants to Lake Tahoe. The number of SFR parcels needing site evaluations and engineered designs addressing BMP Retrofit is projected to increase steadily through 2009, in order to meet TRPA's schedule for priority watersheds.

Describe the anticipated project accomplishments:

Technical assistance is provided to an additional 1,000 private property owners in the form of site evaluations, designs and assistance to landowners and private contractors during implementation.

Describe the "readiness" of this project to move forward (Environmental documentation, etc.)

Program is ongoing, with infrastructure in place. Program would be expanded to provide more engineering technical assistance to private landowners. The described work would be contracted through a competitive process.

Describe partnerships for this project. (Include documentation)

The ongoing program that delivers technical assistance to private landowners within

SNPLMA Project #: _____ **(To be assigned by SNPLMA Administration)**

the Tahoe Basin is the “Backyard Conservation Program”, a partnership effort with the Nevada Tahoe Conservation District, the Tahoe Resource Conservation District and NRCS. As outlined in an MOU for program delivery, TRPA is also a partner. UNR Cooperative Extension supports educational aspects of the program. A Plan for the Backyard Conservation Program describes these efforts in further detail.

For Science & Research Projects describe how this project will guide future management activities:

NA

Include an 8 ½ X 11 map depicting the project, or research/study area.